



## Claims

### CLAIMS

#### Claim 1. iQueVision: Animated - Vision Testing System:

- provides animated visual acuity letters - and new scalable dynamic letters for better testing results.
- provides doctors the ability to administer a greater number of animated vision tests in a format that is easily accessible;
- provides doctors the ability to administer a greater number of slide vision tests in a format that is easily accessible;
- provides instant access to custom teaching or instructional tools to better communicate to a patient the exact condition or problem by using either video or photo slides on the computer / laptop / Unix based system with touch screen, PDA or keyboard system;
- helps educate, diagnose, treat and retain the attention of the patient during the procedure;
- allows the patient to watch informational videos or slides if the doctor is called from the room; or any room link in hardware or wirelessly in the clinic to the computer / Unix based system;
- the patient may view videos or slides on procedures, techniques or any new medical options available to them;
- especially with children, the animation on the screen either by means of video and slide pictures provides an entertaining method to focus their attention for better fixation testing while the doctor continues examine their vision.

#### Part 2 with reference to Claim 1: iQueVision: Animated - Vision Testing System:

- can reduces the space needed for testing from 20 ft. down to 10ft which reduces overhead in monthly rental or leasing cost for office space. This system would also eliminate the need for mirrored rooms as the size of the letters can simulate the distance. Than again it can also be used in a mirrored configuration if room is already set up to be viewed in that perspective.
- is cleaner, clearer and easier to see with a higher contrast ratio of 400:1 or better, to wit: the

current silver oxide screens ratio currently used by slide projection systems today is only 250:1.

- Because of the higher contrast levels it also negates the need to turn off any room lighting during the examination process.
- With the exam room lights on this creates a more natural environment for "Real World" testing and makes it easier on presbyopic doctors to examine in.

Part 3 with reference to Claim 1: iQueVision: Animated - Vision Testing System:

- can be customized in it's menu appearance to fit the doctor's preference in general appearance while the actual tests and procedure stay the same in every computer / laptop / tablet pc Unix based system.

Part 4 with reference to Claim 1: iQueVision: Animated - Vision Testing System:

- can be designed around a specialized problem or testing situation for special patients; This includes but is not limited to color screen, low vision, and sports vision testing.

Claim 2. iQueVision: Animated - Vision Testing System:

- can be specialized in providing custom tests, as well as computer-related testing, using Internet browser technology. This provides patients an opportunity to have an in-home access for continued vision therapy with a web or internet connection.
- "via keyboard/mouse option" the same internet access allow doctors to quickly access information, such as more vision tools, product, vision care, assigned home therapy and testing results.
- Can be linked to patient database or records as well as previous eye photos taken of the patient as a quick reference on changing conditions.
- with audio / video conferencing this system aids in helping doctors create a direct link for their patients for general or emergency use.

Part 2 with reference to Claim 1&2. iQueVision: Animated - Vision Testing System:

- will be technically accurate and in accordance with Eye Clinic Testing Standards and Practices worldwide by offering 1° of true resolution in acuity letter design.
- improves up the current contrast ratio with reference to producing more visual shades of accurate color.

**Part 3 with reference to Claim 1&2: Animated - Vision Testing System:**

- will allow testing for depth perception with or without the use of 3D glasses of any kind.

**Claim 3. iQueVision: Animated - Vision Testing System:**

- this computer / laptop / tablet pc / Unix based system can also be upgraded, serviced and maintained over the internet before sending out a hardware tech;
- as part of the upgrading features doctor will be able to order new test via the internet and administer them with -in minutes instead of a mail order system that would require days of waiting and rescheduling another appointment at a later date.

**Part 2 with reference to Claim 1, 2 & 3. iQueVision: Animated - Vision Testing System:**

- created the discovery of a new "Digital Minimum" formula for visual acuity testing.
- has produced a minimum "Digital Minimum Formula" that enhances the 1862 formula for visual acuity that will be requirement for all LCD/Monitor/Plasma computer a based systems. Using the 20/20 formula sets a creates a new standardization of future visual acuity testing systems.

• it raises the visual testing bar in visual acuity testing when anyone sees the iQueVision: Animated - Vision Testing System in action.

**Part 3 with reference to Claim 1, 2 & 3. iQueVision: Animated - Vision Testing System:**

- dynamically improves and creates a paradigm shift in the general thinking, testing, teaching and practicing methods of visual acuity done today verses the past 60 years.
- allows for the introduction of plasma screen technology and the concept of "Real World" testing.

**Part 4 with reference to Claim 1, 2 & 3: iQueVision: Animated - Vision Testing System:**

- is the only programmed database visual acuity testing system that can be ported or used in not one but three different computer platforms: i.e. Macintosh/Unix, Windows and Linux.
- with the integration of both animated and slide vision acuity with adaptive color and 3D technology and being able to work seamlessly on these three platforms is a claim that no other visual acuity system can make to date.

These are main claims concerning the iQueVision: A/VTS and when you fully begin to understand what is being designed in this documentations under this patent. You'll suddenly realize like I do that you're vision is taken for granted, not just by you, but a system that hasn't changed it's basic methods of testing in over 60 years. The main fact that supersedes all other patents filed to date is that none of them have an acuity formula designed to work as a digital conversion for todays CRT, LCD or Plasma Screen technology. Without this digital formula conversion all other patents filed under this catagory are null and void.